

# Safety Data Sheet

Version: 6.0 | Date Updated: 17.06.2015

According to EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830



## Pal TX Hand Sanitising Wipes

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

Product name:	Pal TX Hand Sanitising Wipes
Product code:	Q/S/W68230
Use of the substance/mixture:	Sanitising hands and surfaces
Substance type:	Mixture

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses:	Wipes for sanitising hands
Uses advised against:	For professional users only

#### 1.3 Details of the supplier of the safety data sheet

Company:	Pal International limited Bilton Way, Lutterworth, Leicestershire, LE17 4JA, United Kingdom
Telephone:	+441455 555 700
Fax:	+441455 555 755
Email:	info@palinternational.com

#### 1.4 Emergency telephone number

Emergency telephone number:	+441455 555 700 (GMT, English spoken, Mon-Fri 08.00 to 17.00)
Emergency mobile number:	+447725 204 194

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008:	Flammable solids, H228
2.1.2 Directive 67/548/EEC & directive 1999/45/EC:	F; Flammable. R11

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## 2.2.1 Label elements

Product name:

Pal TX Hand Sanitising Wipes

Contains:

Ethanol

Hazard pictogram(s):



Signal word(s):

Danger

Hazard statement(s):

H225: Flammable solids

Precautionary statement(s):

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Supplemental hazard information (EU):

Contains Ethanol

## 2.3 Other hazards:

None known

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

Hazardous components

EC Classification No. 1272/2008

Chemical Name	CAS-No. EC-No. REACH No.	Classification (67/548/EEC)	Classification (Regulation (EC) No 1272/2008)	Concentration [%]
Ethanol	64-17-5 200-578-6 01-2119457610-43	F; R11	Flam Liq.2, H225	60-70%
2-Phenoxyethanol	122-99-6 204-589-7 1-2119488943-21-XXXX	Xn; R22 Xi; R36	Acute Tox.4, H302 Eye irrit.2, H319	<0.1%
3-(2-ethylhexyloxy)propane-1,2-diol	70445-33-9 408-080-2 01-0000015745-65-0001	Xn; R20 Xi; R41 R52/53	Eye dam.1, H318 Acute Tox.4, H332 Aquatic Chronic.3, H412	<0.1%

For the full text of the R-phrases mentioned in this section, see Section 16

For the full text of the H-statements mentioned in this section, see Section 16

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## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation:	IF INHALED: Obtain medical attention for symptoms of difficulty of breathing
Skin contact:	IF ON SKIN: Rinse with plenty of water.
Eye contact:	IF IN EYE: Rinse with plenty of water.
Ingestion:	IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed      See section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed      Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media:	In the event of fire, use specifically suitable extinguishing agents appropriate for the surrounding fire.
Unsuitable extinguishing media:	High volume water jet

### 5.2 Special hazard arising from the substance or mixture

Specific hazard during firefighting: Hazardous combustion products:	Keep away from heat and source of ignition. Decomposition products may include the following materials: Carbon oxides Nitrogen oxides Sulphur oxides Oxides of phosphorus
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### 5.3 Advice for firefighters

Special protective equipment for firefighters	Use personal protective equipment
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel:

Remove all sources of ignition. Ensure cleanup is conducted by trained personnel. Refer to protective measures listed in section 7 & 8.

Advice for emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials.

### 6.2 Environmental precautions

Environmental precautions:

Do not allow contact with soil, surface or ground water.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Eliminate all ignition sources if safe to do so. Stop any leak if safe to do so. Contain spillage and then collect with non-combustible absorbent material and place in container for disposal according to local / national regulation (see section 13).

### 6.4 Reference to other sections

See section 1 for emergency contact information  
For personal protection see section 8  
See section 13 for additional waste treatment information.

## SECTION 7: HANDLING & STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling:

Use only with adequate ventilation. Wash hands thoroughly after use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

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## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Storage temperature:

-10°C to 40°C

## 7.3 Specific end uses

Specific use(s):

Wet wipe. Manual process for cleaning.

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

CAS-No.	Components	Value type (form of exposure)	Control parameters	Update	Basis
64-17-5	Ethanol	TWA	1000ppm 1,920mg/m <sup>3</sup>	2005-04-06	UKCOSSTD
122-99-6	2-Phenoxyethanol	Permissible exposure limit	20ppm 110mg/m <sup>3</sup>	-	TRGS900
122-99-6	2-Phenoxyethanol	Ceiling limit value	40ppm 220mg/m <sup>3</sup>	-	TRGS900

#### 8.1.2 Biological limit value

CAS-No.	Substance name	Control parameters	Sampling time	Update
-	-	-	-	-

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Good ventilation should be sufficient to control worker exposure to airborne contamination.

#### 8.2.2 Personal protection equipment

Eye/face protection

No special protective equipment required.

Skin protection

No special protective equipment required.

Respiratory protection

No special protective equipment required.

Thermal hazard

No special protective equipment required.

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## 8.2.3 Environmental Exposure Controls

Consider the provision of contamination around the storage vessels

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical

Appearance	Wet Nonwoven wipe material
Colour	Blue
Odour	Alcoholic odour
Odour Threshold	No data available
pH	6.5 -7.5
Melting Point/Freezing point	-20°C
Initial boiling point and boiling range	79.5°C
Flash point	23°C (Abel closed cup method)
Evaporation rate	No data available
Flammability (solid, gas)	The mix is considered to be easily flammable under Directive 2001/59/EC.
Upper/lower flammability or explosive limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.86+/- 0.01g/cm <sup>3</sup>
Solubility(ies)	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	2.41 mPa.s (Dynamic viscosity determined at 20°C.)
Explosive properties	No data available
Oxidising properties	No data available

### 9.2 Other information

No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Extreme heat, flames and sparks.

### 10.5 Incompatible materials

None known.

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## 10.6 Hazardous decomposition product(s)

Decomposition products may include the following materials:

Carbon oxides  
Nitrogen oxides  
Sulphur oxides  
Oxides of phosphorus

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effect

Information on likely routes of exposure

Eye contact and skin contact.

#### Acute Toxicity

Ingestion  
Inhalation  
Skin contact  
Eye contact  
Skin corrosion/irritation  
Serious eye damage/irritation  
Respiratory or skin sensitisation  
Germ cell mutagenicity  
Carcinogenicity  
Reproductive toxicity  
STOT – single exposure  
STOT – repeated exposure  
Aspiration hazard

There is no data available for this product.  
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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Result of PBT and vPvB assessment

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No data available

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulation.

### 13.2 Additional Information

None known.

## SECTION 14: TRANSPORT INFORMATION

This product is classified as dangerous goods for transport in regards to the transport regulations.

### Land transport (ADR/AND/RID)

14.1	UN number	UN3175
14.2	UN proper shipping name	"Solids containing flammable liquid", n.o.s (Ethanol)
14.3	Transport hazard class(es)	4.1
14.4	Packaging group	II
14.5	Environmental hazards	No
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable.

### Sea transport (IMDG/IMO)

14.1	UN number	UN3175
14.2	UN proper shipping name	"Solids containing flammable liquid", n.o.s (Ethanol)
14.3	Transport hazard class(es)	4.1
14.4	Packaging group	II
14.5	Environmental hazards	No
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable.

### Air Transport (IATA)

14.1	UN number	UN3175
14.2	UN proper shipping name	"Solids containing flammable liquid", n.o.s (Ethanol)
14.3	Transport hazard class(es)	4.1
14.4	Packaging group	II
14.5	Environmental hazards	No
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable.



## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

According to DSD(67/548/EC), DPD(1999/45/EC) and CLP(1272/2008/EC) The product contains Ethanol and has the following hazard phrase associated with the product. H225: Highly flammable liquid and vapour.

### 15.2 Chemical safety assessment

This product contains substances for which chemical safety assessment is still required.

## SECTION 16: OTHER INFORMATION

### Full text of R-phrases

R11:	Highly flammable
R20:	Harmful by inhalation
R22:	Harmful if swallowed
R36:	Irritating to eyes
R41:	Risk of serious damage to eyes
R52/53:	Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

### Full text of H-statements

H225:	Highly flammable liquid and vapour
H319:	Causes serious eye irritation
H318:	Causes serious eye damage
H332:	Harmful if inhaled
H412:	Harmful to aquatic life with long lasting effects

### Full text of other abbreviations

ADR: European agreement concerning the international carriage of dangerous goods by Road.  
IMDG: International Maritime Dangerous Goods.  
IATA: International Air Transport Association.  
ICAO: International Civil Aviation Organisation  
RID: Regulations concerning the International carriage of Dangerous goods by rail.

### Training advice

Professional use product. Training will be required by the product provider.

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## Disclaimers

This data sheet was compiled using external data from our supplier's and independent laboratories. This safety data sheet contains all the necessary information to conduct a COSHH assessment. This document in its own right does NOT constitute the users own assessment of workplace risk as required by Health and safety legislation.

The information given in this safety data sheet is given in good faith and to the best of our knowledge is correct. No liability is accepted for any loss or damage arising directly from the use of the company's products or from the use of the information given in this safety data sheet, In particular, financial or economical loss unless required by law.

[Annex to the extended safety data sheet \(eSDS\)](#)

This product contains substances for which chemical safety assessment is still required.